RP00374

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Recombinant Human Fibronectin/FN/FN1 Protein

Catalog No.: RP00374 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2335	P02751

Tags
No tag

Synonyms
FN1;CIG;ED-B;FINC;FN;FNZ;GFND;GFND2;LETS;MSF;fibronectin

Product Information

Source
<I>E. coli</I>

Purification
> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix. The encoded preproprotein is proteolytically processed to generate the mature protein. Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants, at least one of which encodes an isoform that undergoes proteolytic processing. The full-length nature of some variants has not been determined.

Basic Information

Description
Recombinant Human Fibronectin/FN/FN1 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Pro1270-Ser1546 & Ala1721-Thr2016) of human Fibronectin/FN/FN1 (Accession #P02751).

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

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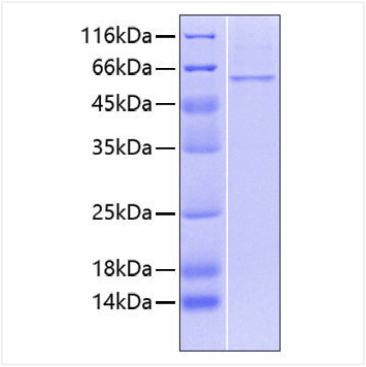
Validation Data



Recombinant protein Human Fibronectin/FN/FN1 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 60 kDa.